



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Conf. No. 6379

Joanne J. FILLATTI

Group Art Unit: Not Yet Assigned

Appln. No.: 10/606,772

Examiner: Not Yet Assigned

Filed: June 27, 2003

Atty. Docket: 16518.070

For: Nucleic Acid Sequences and Method of Use for the Production of Plants with Modified Polyunsaturated Fatty Acids

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The attention of the Examiner is invited to the documents listed on the attached Forms PTO/SB/08a and PTO/SB/08b. Copies of the listed documents are submitted herewith.

It is respectfully requested that the information above be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

CERTIFICATION AND/OR FEE

Because this Information Disclosure Statement is being submitted prior to issuance of the first action on the merits of the above-captioned application, it is believed that no fee is required. However, if it is deemed that fees are required for filing this Information Disclosure Statement, authorization to charge counsel's deposit account is given in the accompanying transmittal letter.

Respectfully submitted,

David R. Marsh (Reg. Attorney No. 41,408)
Lisa A. Penoyer (Reg. Agent No. 51,204)
Thomas E. Holsten (Reg. Agent. No. 46,098)

Date: December 12, 2003

ARNOLD & PORTER
555 Twelfth Street, N.W.
Washington, D.C. 20004-1206
(202) 942-5000 telephone
(202) 942-5999 facsimile

Substitute for form 1449A/PTO

DEC 12 2003

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/606,772
Filing Date	June 27, 2003
First Named Inventor	Joanne J. FILLATTI
Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket Number	16518.070

Sheet	1	of	3
-------	---	----	---

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1	US- 5,850,026	12-15-1998	DeBONTI <i>et al.</i>	
	B1	US-			
	C1	US-			
	D1	US-			
	E1	US-			
	F1	US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	G1	WO 93/11245 A1	06-10-1993	E.I. du Pont de Nemours & Co.		
	H1	WO 94/11516 A1	05-26-1994	E.I. du Pont de Nemours & Co.		
	I1	WO 98/30083 A1	07-16-1998	The Regents of the University of California		
	J1					
	K1					
	L1					
	M1					
	N1					

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

2

of

3

Complete if Known

Application Number	10/606,772
Filing Date	June 27, 2003
First Named Inventor	Joanne J. FILLATTI
Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket Number	16518.070

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A2	CARTEA <i>et al.</i> , "Comparison of Sense and Antisense Methodologies for Modifying the Fatty Acid Composition of Arabidopsis Thaliana Oilseed," <i>Plant Science</i> , 136:181-194 (1998)	
	B2	CLARK-WALKER <i>et al.</i> , "Location of Transcriptional Control Signals and Transfer RNA Sequences in <i>Torulopsis-Glabrata</i> Mitochondrial DNA," <i>EMBO Journal</i> , 4(2):465-473 (1985)	
	C2	EMBL/Genbank, AC AL069706, "Drosophila melanogaster genome survey sequence T7 end of BAC: BACR29B23 of RPCI-98 library from Drosophila melanogaster (fruit fly)," Abst. (05-29-99)	
	D2	EMBL/Genbank, AC AL071390, "Drosophila melanogaster genome survey sequence TET3 end of BAC: BACR32M05," Abst. (05-29-99)	
	E2	EMBL/Genbank, AC AL105179, "Drosophila melanogaster genome survey sequence T7 end of BAC: BACN13A12 of DrosBAC library from Drosophila melanogaster (fruit fly)," Abst. (07-26-99)	
	F2	EMBL/Genbank, AC AL108811, "Drosophila melanogaster genome survey sequence SP6 end of BAC: BACN37D10 of DrosBAC library from Drosophila melanogaster (fruit fly)," Abst. (07-26-99)	
	G2	EMBL/Genbank, AC AL063932, "Drosophila melanogaster genome survey sequence TET3 end of BAC: BACR08010 of RPCI-98 library from Drosophila melanogaster (fruit fly)," Abst. (05-29-99)	
	H2	EMBL/Genbank, AC AC004705, "Arabidopsis thaliana chromosome II section 85 of 255 of the complete sequence. Sequence from clones F26C24, T26I20," Abst. (05-21-98)	
	I2	EMBL/Genbank, AC AB0222220, "Arabidopsis thaliana genomic DNA, chromosome 3, P1 clone: MLN21, Abst. (01-15-99)	
	J2	EMBL/Genbank, AC AB026636, "Arabidopsis thaliana genomic DNA, chromosome 3, TAC clone: K14A17," Abst. (05-07-99)	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/606,772
Filing Date	June 27, 2003
First Named Inventor	Joanne J. FILLATTI
Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket Number	16518.070

Sheet 3 of 3

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A3	EMBL/Genbank, AC AW397948, "sg70c08.y1 Gm-c1007 Glycine max cDNA clone Genome Systems Clone ID: Gm-c1007-1767 5' similar to SW:FD61-SOYBN P48630 Omega-6 Fatty Acid Desaturase, Endoplasmic Reticulum Isozyme 1; mRNA sequence," Abst. (02-08-00)	
	B3	EMBL/Genbank, AC AL161581, "Arabidopsis thaliana DNA chromosome 4, contig fragment No. 77," Abst. (03-16-00)	
	C3	International Search Report, International Application No. PCT/US00/22613, 5 pages (mailed 04-26-01)	
	D3	LEWIN, "How did interrupted genes evolve," <i>Genes</i> , 2 nd ed., John Wiley & Sons, New York, pp. 333-387 (1983)	
	E3	OKULEY <i>et al.</i> , "Arabidopsis FAD2 Gene Encodes the Enzyme that is Essential for Polyunsaturated Lipid Synthesis," <i>The Plant Cell</i> , 6:147-158 (Jan. 1994)	
	F3	LIU, Thesis, University of Sydney, Australia, pp. ii-iv, 24-26, 121-123, 142, 167, 168, 172-174, 179-181 (March 1998)	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.